

Nikhil Bhatt

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EDUCATION

Maharaja Surajmal University
Bachelor's in Computer Applications

[2022 - Present]
GPA: 9.5

Govt Boys Senior Secondary School
12th Standard

[2021 - 2022]
Percentage: 90

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, Node.js, TypeScript, PHP, SQL
- **Backend Frameworks:** Express.js, Lumen, Laravel
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- **Core Concepts:** RESTful APIs, Authentication & Authorization (JWT), Microservices, Docker, WebSocket, System Design, Caching, Rate Limiting, Queues
- **DevOps Tools:** Docker, NGINX, AWS, Postman, Git, Render
- **Problem Solving:** 250+ problems solved on [LeetCode](#)
- **Core CS:** OOPS, DBMS, Networking, DSA, Software Engineering

WORK EXPERIENCE

CipherSquare Technologies (Rnfi Services Limited)
Backend Developer Intern (On-Site)

New Delhi
July 2024 – Sep 2024

- Developed and maintained **RESTful APIs** for fintech services like pay-in, pay-out, and transactions using **PHP Lumen**.
- Managed **containerized deployments** with **Docker**, optimizing deployment efficiency.
- Utilized **Git** for version control and **Postman** for API testing to ensure reliability.

PROJECTS

StayFinder (Node.js, Express, MongoDB, JWT)

[Live Demo](#) | [Backend Code](#)

- Engineered backend architecture for listing management, bookings, and JWT-based auth using Express and MongoDB.
- Created REST APIs for listing CRUD, Cloudinary uploads, saved listings, and cookie-based sessions.
- Deployed backend on Render and managed environment configs securely.

Job Quest – Job Hunt Platform (Full Backend)

[Live](#) | [Code](#)

- Built backend using **Node.js**, **Express**, **Prisma**, and **PostgreSQL** with **JWT** authentication.
- Designed job CRUD APIs, authentication flows, and Cloudinary media handling.
- Implemented backend pagination, filtering, and optimized SQL queries.

TableSync – Real-Time Backend Data System

[Live](#) | [Code](#)

- Developed a **Node.js** + **WebSocket** backend with **MongoDB**, handling secure auth and real-time sync.
- Integrated **Google Sheets API** to fetch and update tabular data live.
- Used **WebSockets** for pushing table updates instantly across connected clients.

Teachstream – Secure Live Streaming Platform

[Code](#)

- Engineered the backend for secure, real-time streaming using **Node.js**, **MongoDB**, and **WebSocket**.
- Used **NGINX RTMP** with **HLS** + **FFmpeg** for media ingestion and live video delivery.
- Created login APIs, chat rooms, stream key auth, and media uploads via **Cloudinary**.

EXTRACURRICULAR ACTIVITIES

Member, NSS Tech Department | Member, CSI (Computer Society of India) | SIH hackathon College